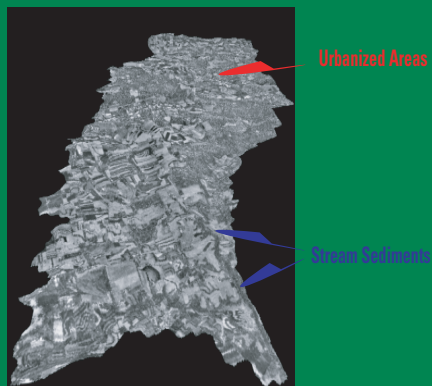


ROMA: River Observatories for Management Applications

GIS Analysis of Consequences of Land Cover and Land-Use Change

By: Milan Pavich, Thomas Moreland, Steven Kambly, Robert G. Clark, and Roger Barlow

Has Urbanization Contributed to Sediment Mobilization ?

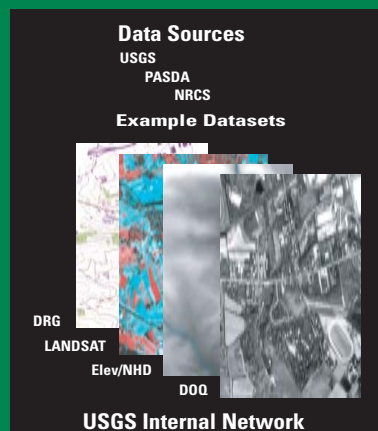


Little Conestoga

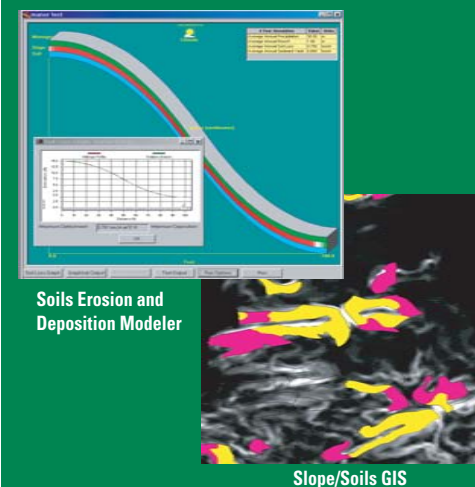
Different Scale Study Areas



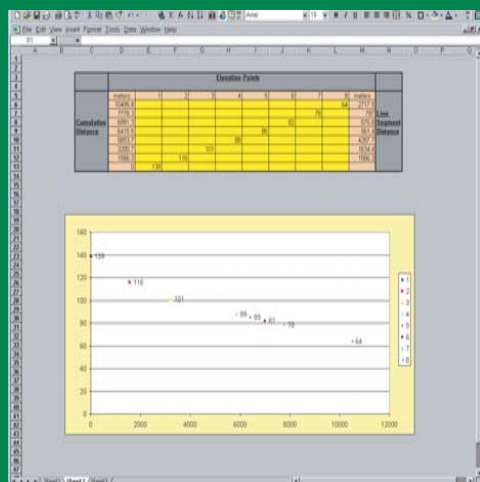
Database



Sediment Transport Modeling

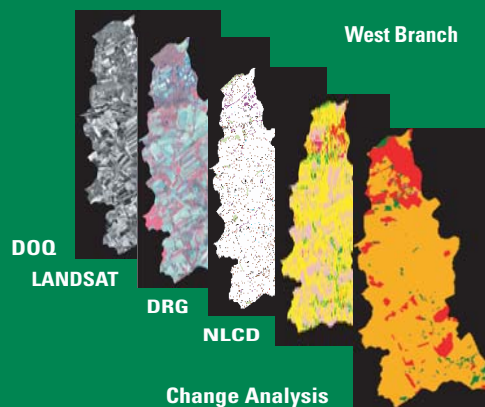


Stream Profile Analysis



Land Cover Trends Analysis

(Modified Trends Methods)



Land-use Analysis

County data merged with National data

